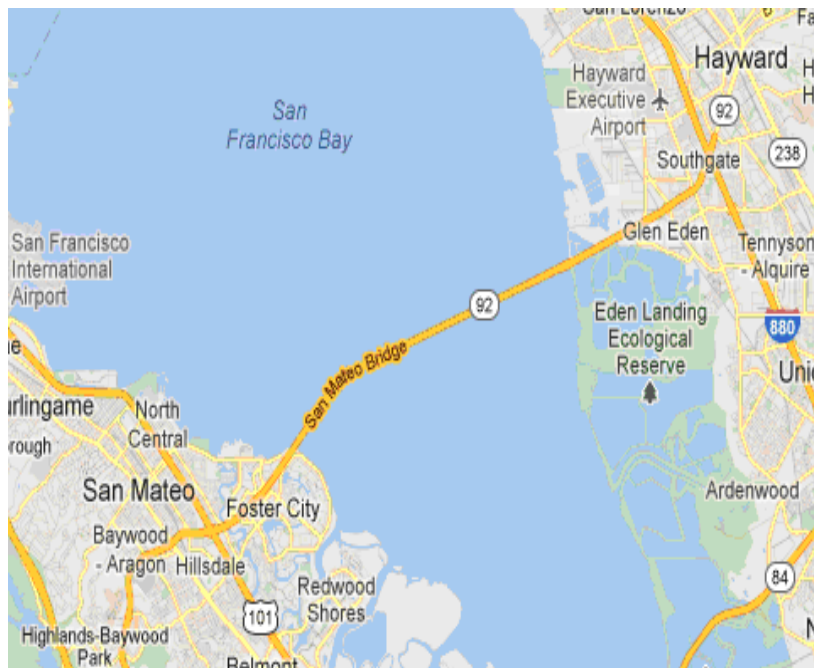




San Mateo Hayward Bridge Deck Resurfacing and Treatment Project Fact Sheet (Route 92)

PROJECT DESCRIPTION: In the cities of Foster City and Hayward, in the counties of San Mateo and Alameda respectively, on the San Mateo-Hayward Bridge



PURPOSE AND NEED:

Purpose:

At the high-rise section of the bridge, it is proposed to resurface with a polyester concrete overlay both the approaches and the orthotropic deck to preserve the structural integrity of the bridge deck and prolong its service life.

At the trestle section, it is proposed to treat the lightweight concrete bridge deck with methacrylate to prevent moisture and contaminants from penetrating through the surface cracks on the deck. The methacrylate treatment will extend the service life of the lightweight concrete bridge deck.

On the entire bridge deck, repairing of damaged railing and patching of minor concrete spalls will be addressed to preserve the integrity of the entire bridge. Replacing of the existing electrical 12KV cable system and transformers is also proposed to have a reliable and steady power supply for the safe operation of the bridge.

Need:

This project is required in order to preserve the structural integrity of the bridge, prolong its service life, and provide the drive-ability of the deck surfaces. It also will provide a smoother drive across the bridge.

In addition after many years of service, the electrical 12 KV cable system and transformers are showing signs of electrical and mechanical wear and tear. To avoid costly repairs and maintenance it is recommended to replace them with a reliable new cable and devices.

COST: The project estimate is \$39,000,000.

Construction started 2/3/15

Construction Complete 7/17/15

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